Artificially quickening the moment of awareness alters the appearance of orientation repulsion

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Backgrounds
Orientation repulsion (e.g., Clifford, 2014)
- A target appears tilted against the inducer orientation

Dynamic properties have been scarcely studied.
Artificially quickening the moment of awareness alters the appearance of orientation repulsion

How the content of awareness is determined through internal dynamics remains unclear.
How does the target appear tilted CW or CCW?

Preceding flanker reduced repulsion

Replicable irrespective of spatial orienting

Remote flanker also reduced repulsion

Is this flanker effect location-specific?

“Flanker” configuration was changed to four maximally remote bullseyes.

Conclusion
Artificially quickening the awareness of a target by a preceding flanker reduces orientation repulsion.

References

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Research Question:
How does the preceding flanker alter the repulsion?